



# Winkeo FIDO U2F



## Web/Cloud strong authentication solution



- ✓ «Plug'n play» secure second factor solution for a simplified online identity management
- ✓ USB security key compliant with FIDO U2F specifications
- 1 With smart card component certified common criteria EAL5+
- 2 Credential generation, management and storage (up to 1024) inside the smart card
- 3 Easy to use and to deploy (no software installation required)
- 4 Compatible with Gmail, Google Apps for Work, Facebook, Dropbox...





### FIDO U2F Security features:

- Easy to use and deploy (HID device: no driver required)
- Full compatibility with Windows, Mac and Linux
- No security failure in case of key or password theft (Authentication requires both of them)
- Second factor authentication fully compliant with google services through Chrome and Firefox browsers
- Extended compatibility (Salesforce, Office 365, etc.) through identity federation providers (Web SSO)
- Private key storage based on a secure smart card component (PKI / elliptic curves)
- Anti-Phishing protection (in order to replace vulnerable SMS, OTP or TOTP solutions)
- No “key wrapping” / No shared key preinstalled

### Mechanical features:

- Size: length 51 mm / width 17 mm / thickness 9 mm / Weight: 6 g

### About FIDO:

The FIDO (Fast IDentity Online) Alliance includes a wide range of technology players (Google, Microsoft, PayPal, Qualcomm, Lenovo, Visa, MasterCard, Alibaba, RSA, NXP, ARM, Infineon, Idemia, Gemalto, Safran, DELL, etc.). This non-profit organization aims to specify and promote simple and interoperable PKI-based security architectures (Public Key Infrastructure) to enhance online authentication security.

FIDO specifies different categories of user experiences for simplified identity security solutions: FIDO U2F uses a secure second factor to strengthen the username and password login process. FIDO U2F specifications became available in December 2014 and were immediately implemented by Google on its own authentication portal. Since then, FIDO support has been adopted by many online services (Dropbox, Github, etc.) and web SSO providers.

Winkeo keys conform to the FIDO U2F specifications and provide a simple solution for online user authentication (web/cloud). NEOWAVE supports digital trust service providers (digital signature, registered letter, online consent, financial and insurance services, health...) in integrating these new technologies in their information systems. The Winkeo key is designed and made in France.

### About NEOWAVE:

NEOWAVE is an innovative French company, created in 2007, specializing in strong authentication and secure transactions. NEOWAVE products combine the high level of security provided by smart cards with the advantages of connectivity and storage technologies: USB, RFID / NFC and Bluetooth Low Energy (BLE). NEOWAVE products and services address the cybersecurity, digital trust and identity management markets.



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